

Srecko Gajovic

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

2,345
citations

257357

24
h-index

223716

46
g-index

95
all docs

95
docs citations

95
times ranked

3652
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Lentivirus- or AAV-mediated gene therapy interventions in ischemic stroke: A systematic review of preclinical <i>in vivo</i> studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 219-236. | 2.4 | 5 |
| 2 | Self-Perceived Mental Health Status, Digital Activity, and Physical Distancing in the Context of Lockdown Versus Not-in-Lockdown Measures in Italy and Croatia: Cross-Sectional Study in the Early Ascending Phase of the COVID-19 Pandemic in March 2020. <i>Frontiers in Psychology</i> , 2021, 12, 621633. | 1.1 | 13 |
| 3 | BIOMEDICAL RESEARCHERS CONFRONTING THE COVID-19 PANDEMIC. <i>Central Asian Journal of Medical Hypotheses and Ethics</i> , 2021, 2, 23-28. | 0.2 | 0 |
| 4 | Introduction: A Multidisciplinary Approach to the Digital Landscape. , 2021, , 1-11. | | 0 |
| 5 | Exploring the Concept of the Knowledge Landscape Geography: Some Proposals and Reflections. , 2021, , 89-103. | | 0 |
| 6 | Morphogenetic and Differentiation Powers of the Human Embryo. <i>Donald School Journal of Ultrasound in Obstetrics and Gynecology</i> , 2021, 14, 327-332. | 0.1 | 1 |
| 7 | The innate immune toll-like-receptor-2 modulates the depressogenic and anorexiolytic neuroinflammatory response in obstructive sleep apnoea. <i>Scientific Reports</i> , 2020, 10, 11475. | 1.6 | 7 |
| 8 | RANK/RANKL/OPG Signaling in the Brain: A Systematic Review of the Literature. <i>Frontiers in Neurology</i> , 2020, 11, 590480. | 1.1 | 21 |
| 9 | Face Masks During the COVID-19 Pandemic: A Simple Protection Tool With Many Meanings. <i>Frontiers in Public Health</i> , 2020, 8, 606635. | 1.3 | 100 |
| 10 | Wildfire-Like Effect of a WhatsApp Campaign to Mobilize a Group of Predominantly Health Professionals With a University Degree on a Health Issue: Infodemiology Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e17051. | 2.1 | 10 |
| 11 | Independent, Publicly Funded Journals Adhering to Platinum Open Access Are the Future of Responsible Scholarly Publishing. <i>Journal of Korean Medical Science</i> , 2020, 35, e13. | 1.1 | 8 |
| 12 | D-mannose-Coating of Maghemite Nanoparticles Improved Labeling of Neural Stem Cells and Allowed Their Visualization by <i>ex vivo</i> MRI after Transplantation in the Mouse Brain. <i>Cell Transplantation</i> , 2019, 28, 553-567. | 1.2 | 17 |
| 13 | Impact of High Salt Diet on Cerebral Vascular Function and Stroke in <i>Tff3</i> ^{-/-} / <i>C57BL/6N</i> Knockout and WT (<i>C57BL/6N</i>) Control Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5188. | 1.8 | 6 |
| 14 | Tlr2 Deficiency is Associated with Enhanced Elements of Neuronal Repair and Caspase 3 Activation Following Brain Ischemia. <i>Scientific Reports</i> , 2019, 9, 2821. | 1.6 | 13 |
| 15 | Surface coating affects uptake of silver nanoparticles in neural stem cells. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 684-692. | 1.5 | 27 |
| 16 | Navigating Knowledge Landscapes in the digital society: a look back and visions for the future. <i>Croatian Medical Journal</i> , 2018, 59, 274-278. | 0.2 | 5 |
| 17 | Digital mediators as key enablers of navigation toward health in knowledge landscapes. <i>Croatian Medical Journal</i> , 2018, 59, 178-182. | 0.2 | 4 |
| 18 | Knowledge-for-data trade at the interface between precision medicine and person-centered care. <i>Croatian Medical Journal</i> , 2018, 59, 132-135. | 0.2 | 6 |

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|----|---|-----|-----------|
| 19 | The Second Mediterranean Seminar on Science Writing, Editing and Publishing (SWEP - 2018), Sarajevo, December 8th, 2018. Acta Informatica Medica, 2018, 26, 284. | 0.5 | 14 |
| 20 | Synchrotron inline phase contrast μ CT enables detailed virtual histology of embedded soft-tissue samples with and without staining. Journal of Synchrotron Radiation, 2018, 25, 1153-1161. | 1.0 | 62 |
| 21 | Physico-chemical characteristics, biocompatibility, and MRI applicability of novel monodisperse PEG-modified magnetic Fe_3O_4 & SiO_2 core-shell nanoparticles. RSC Advances, 2017, 7, 8786-8797. | 1.7 | 44 |
| 22 | Impact of surface functionalization on the uptake mechanism and toxicity effects of silver nanoparticles in HepG2 cells. Food and Chemical Toxicology, 2017, 107, 349-361. | 1.8 | 55 |
| 23 | Diamond Open Access in the quest for interdisciplinarity and excellence. Croatian Medical Journal, 2017, 58, 261-262. | 0.2 | 3 |
| 24 | A novel adjustable automated system for inducing chronic intermittent hypoxia in mice. PLoS ONE, 2017, 12, e0174896. | 1.1 | 5 |
| 25 | Why scholarly publishing might be a bubble. Croatian Medical Journal, 2017, 58, 1-3. | 0.2 | 4 |
| 26 | Resisting the small cake phenomenon – sharing resources and knowledge makes you rich. Croatian Medical Journal, 2017, 58, 93-94. | 0.2 | 2 |
| 27 | Concepts and definitions of health and health-related values in the knowledge landscapes of the digital society. Croatian Medical Journal, 2017, 58, 431-435. | 0.2 | 111 |
| 28 | When communicating health-related knowledge, beware of the black holes of the knowledge landscapes geography. Croatian Medical Journal, 2016, 57, 504-509. | 0.2 | 17 |
| 29 | Sarajevo Declaration on Integrity and Visibility of Scholarly Publications. Croatian Medical Journal, 2016, 57, 527-529. | 0.2 | 57 |
| 30 | The cost of scientific excellence – could it be expensive and out of reach?. Croatian Medical Journal, 2016, 57, 413-414. | 0.2 | 3 |
| 31 | Surface coating affects behavior of metallic nanoparticles in a biological environment. Beilstein Journal of Nanotechnology, 2016, 7, 246-262. | 1.5 | 69 |
| 32 | Oxidative stress response in neural stem cells exposed to different superparamagnetic iron oxide nanoparticles. International Journal of Nanomedicine, 2016, 11, 1701. | 3.3 | 57 |
| 33 | Improved biocompatibility and efficient labeling of neural stem cells with poly(L-lysine)-coated maghemite nanoparticles. Beilstein Journal of Nanotechnology, 2016, 7, 926-936. | 1.5 | 29 |
| 34 | Nobel Peace Prize nomination for Doctors Against Forced Organ Harvesting (DAFOH) – a recognition of upholding ethical practices in medicine. Croatian Medical Journal, 2016, 57, 219-222. | 0.2 | 1 |
| 35 | Superparamagnetic Fe_3O_4 Nanoparticles: Synthesis by Thermal Decomposition of Iron(III) Glucuronate and Application in Magnetic Resonance Imaging. ACS Applied Materials & Interfaces, 2016, 8, 7238-7247. | 4.0 | 114 |
| 36 | Neural stem cells from mouse strain Thy1 YFP-16 are a valuable tool to monitor and evaluate neuronal differentiation and morphology. Neuroscience Letters, 2016, 634, 32-41. | 1.0 | 28 |

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|----|--|-----|-----------|
| 37 | Urotilatin reverses the detrimental influence of bradykinin in acute ischemic stroke. <i>Experimental Neurology</i> , 2016, 284, 1-10. | 2.0 | 8 |
| 38 | Synthesis, characterization and in vitro biocompatibility assessment of a novel tripeptide hydrogelator, as a promising scaffold for tissue engineering applications. <i>Biomaterials Science</i> , 2016, 4, 1412-1416. | 2.6 | 5 |
| 39 | The First Mediterranean Seminar on Science Writing, Editing and Publishing, Sarajevo, December 2-3, 2016. <i>Acta Informatica Medica</i> , 2016, 24, 424. | 0.5 | 17 |
| 40 | Publishing interdisciplinary research – a perspective from the Croatian Medical Journal. <i>Croatian Medical Journal</i> , 2015, 56, 399-400. | 0.2 | 1 |
| 41 | Navigating knowledge landscapes: on health, science, communication, media, and society. <i>Croatian Medical Journal</i> , 2015, 56, 321-323. | 0.2 | 23 |
| 42 | The effect of natriuretic peptides and bradykinin on development of brain oedema after ischemic stroke. <i>BMC Pharmacology & Toxicology</i> , 2015, 16, . | 1.0 | 0 |
| 43 | How to express visually the genetic identity of a scientific journal? – an example of the Croatian Medical Journal cover page. <i>Croatian Medical Journal</i> , 2015, 56, 179-180. | 0.2 | 0 |
| 44 | Nop2 is expressed during proliferation of neural stem cells and in adult mouse and human brain. <i>Brain Research</i> , 2015, 1597, 65-76. | 1.1 | 38 |
| 45 | Krüppel-like transcription factor 8 (Klf8) is expressed and active in the neurons of the mouse brain. <i>Gene</i> , 2015, 570, 132-140. | 1.0 | 7 |
| 46 | Increased expression and colocalization of GAP43 and CASP3 after brain ischemic lesion in mouse. <i>Neuroscience Letters</i> , 2015, 597, 176-182. | 1.0 | 56 |
| 47 | How fisetin reduces the impact of age and disease on CNS function. <i>Frontiers in Bioscience - Scholar</i> , 2015, 7, 58-82. | 0.8 | 7 |
| 48 | STAM2, a member of the endosome-associated complex ESCRT-0 is highly expressed in neurons. <i>Molecular and Cellular Neurosciences</i> , 2015, 67, 104-115. | 1.0 | 8 |
| 49 | Does surface coating of metallic nanoparticles modulate their interference with in vitro assays?. <i>RSC Advances</i> , 2015, 5, 70787-70807. | 1.7 | 54 |
| 50 | Multiscale study of the influence of cationic surfactants on amorphous calcium phosphate precipitation. <i>CrystEngComm</i> , 2015, 17, 8529-8548. | 1.3 | 15 |
| 51 | Brain extracellular matrix meets COST – Matrix for European research networks. <i>Progress in Brain Research</i> , 2014, 214, xix-xxiii. | 0.9 | 3 |
| 52 | How Croatian patients suffering from amyotrophic lateral sclerosis have been turned into medical tourists – a comment on a medical and social phenomenon. <i>Croatian Medical Journal</i> , 2014, 55, 443-445. | 0.2 | 3 |
| 53 | Distortion, confusion, and impasses: could a public dialogue within Knowledge Landscapes contribute to better communication and understanding of innovative knowledge?. <i>Croatian Medical Journal</i> , 2014, 55, 54-60. | 0.2 | 28 |
| 54 | A Recent Evolutionary Change Affects a Regulatory Element in the Human FOXP2 Gene. <i>Molecular Biology and Evolution</i> , 2013, 30, 844-852. | 3.5 | 205 |

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|----|--|-----|-----------|
| 55 | Expression analysis of genes involved in TLR2-related signaling pathway: Inflammation and apoptosis after ischemic brain injury. <i>Neuroscience</i> , 2013, 238, 87-96. | 1.1 | 22 |
| 56 | Open access “ is this the future of medical publishing?. <i>Croatian Medical Journal</i> , 2013, 54, 315-318. | 0.2 | 16 |
| 57 | Computed microtomography visualization and quantification of mouse ischemic brain lesion by nonionic radio contrast agents. <i>Croatian Medical Journal</i> , 2013, 54, 3-11. | 0.2 | 18 |
| 58 | Personalized medicine “ where do we stand?Pouring some water into wine: a realistic perspective. <i>Croatian Medical Journal</i> , 2012, 53, 314-320. | 0.2 | 14 |
| 59 | Toll-like receptor 2 deficiency leads to delayed exacerbation of ischemic injury. <i>Journal of Neuroinflammation</i> , 2012, 9, 191. | 3.1 | 74 |
| 60 | Genetically modified stem cells for the treatment of neurological diseases. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 1170. | 0.9 | 12 |
| 61 | Stam2 expression pattern during embryo development. <i>Gene Expression Patterns</i> , 2012, 12, 68-76. | 0.3 | 2 |
| 62 | Neurons and a Subset of Interstitial Cells of Cajal in the Enteric Nervous System Highly Express <i>Stam2</i> Gene. <i>Anatomical Record</i> , 2012, 295, 113-120. | 0.8 | 3 |
| 63 | Molecular biomarkers of lung carcinoma. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 865-875. | 0.9 | 0 |
| 64 | What is constant in a time of change?. <i>Croatian Medical Journal</i> , 2011, 52, 593-593. | 0.2 | 3 |
| 65 | The Therapeutic Potential of Stem Cells in Amyotrophic Lateral Sclerosis. <i>Current Signal Transduction Therapy</i> , 2011, 6, 341-346. | 0.3 | 1 |
| 66 | Distribution, Differentiation, and Survival of Intravenously Administered Neural Stem Cells in a Rat Model of Amyotrophic Lateral Sclerosis. <i>Cell Transplantation</i> , 2010, 19, 537-548. | 1.2 | 74 |
| 67 | The Mouse Gene <i>Noto</i> Is Expressed in the Tail Bud and Essential for Its Morphogenesis. <i>Cells Tissues Organs</i> , 2010, 192, 85-92. | 1.3 | 9 |
| 68 | Signaling by Neuronal Tyrosine Kinase Receptors: Relevance for Development and Regeneration. <i>Anatomical Record</i> , 2009, 292, 1976-1985. | 0.8 | 21 |
| 69 | Toward the Treatments with Neural Stem Cells: Experiences from Amyotrophic Lateral Sclerosis. <i>Anatomical Record</i> , 2009, 292, 1962-1967. | 0.8 | 15 |
| 70 | PCR-Quality DNA Isolation from Human Bronchial Aspirates and Buccal and Eyelid Swabs by a Simple Procedure Based on Alkaline Lysis. <i>Genetic Testing and Molecular Biomarkers</i> , 2009, 13, 799-802. | 0.3 | 0 |
| 71 | Mice Genotyping Using Buccal Swab Samples: An Improved Method. <i>Biochemical Genetics</i> , 2008, 46, 105-112. | 0.8 | 14 |
| 72 | Semi-thin sections of epoxy resin-embedded mouse embryos in morphological analysis of whole mount <i>in situ</i> RNA hybridization. <i>Journal of Microscopy</i> , 2008, 232, 504-507. | 0.8 | 3 |

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|----|--|-----|-----------|
| 73 | PCR-based identification of short deletion/insertions and single nucleotide substitutions in genotyping of splotch (Pax3sp) and truncate (Nototc) mouse mutants. <i>Molecular and Cellular Probes</i> , 2008, 22, 110-114. | 0.9 | 2 |
| 74 | Unexpected Rescue of Alpha-synuclein and Multimerin1 Deletion in C57BL/6J OlaHsd Mice by Beta-adducin Knockout. <i>Transgenic Research</i> , 2006, 15, 255-259. | 1.3 | 8 |
| 75 | Splice variant of mouse Stam2 mRNA in nervous and muscle tissue contains additional exon with stop codon within region coding for VHS domain. <i>Croatian Medical Journal</i> , 2006, 47, 16-24. | 0.2 | 5 |
| 76 | Human embryo before ultrasound visualization. <i>Ultrasound Review of Obstetrics and Gynecology</i> , 2005, 5, 1-8. | 0.2 | 15 |
| 77 | An improved method for determination of gene copy numbers in transgenic mice by serial dilution curves obtained by real-time quantitative PCR assay. <i>Journal of Proteomics</i> , 2005, 64, 83-98. | 2.4 | 20 |
| 78 | Human embryo before ultrasound visualization. <i>Ultrasound Review of Obstetrics and Gynecology</i> , 2005, 5, 1-8. | 0.2 | 1 |
| 79 | Morphological Features of Tail Bud Development in <i>Truncate</i> Mouse Mutants. <i>Cells Tissues Organs</i> , 2004, 178, 23-32. | 1.3 | 7 |
| 80 | Differentiation and Developmental Potential of Rat Post-implantation Embryo without Extra-Embryonic Membranes Cultured In Vitro or Grafted In Vivo. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2004, 33, 90-95. | 0.3 | 0 |
| 81 | Mutations in a Novel Gene, NHS, Cause the Pleiotropic Effects of Nance-Horan Syndrome, Including Severe Congenital Cataract, Dental Anomalies, and Mental Retardation. <i>American Journal of Human Genetics</i> , 2003, 73, 1120-1130. | 2.6 | 107 |
| 82 | Regulated splicing of the fibronectin EDA exon is essential for proper skin wound healing and normal lifespan. <i>Journal of Cell Biology</i> , 2003, 162, 149-160. | 2.3 | 274 |
| 83 | Hypertension in β -Adducin-Deficient Mice. <i>Hypertension</i> , 2000, 36, 449-453. | 1.3 | 37 |
| 84 | Retinoic acid mediates Pax6 expression during in vitro differentiation of embryonic stem cells. <i>Differentiation</i> , 1998, 62, 187-192. | 1.0 | 82 |
| 85 | Genes Expressed after Retinoic Acid-Mediated Differentiation of Embryoid Bodies Are Likely to Be Expressed during Embryo Development. <i>Experimental Cell Research</i> , 1998, 242, 138-143. | 1.2 | 23 |
| 86 | Retinoic acid mediates. <i>Differentiation</i> , 1998, 62, 187. | 1.0 | 6 |
| 87 | Ventral ectodermal ridge and ventral ectodermal groove: two distinct morphological features in the developing rat embryo tail. <i>Anatomy and Embryology</i> , 1995, 192, 181-187. | 1.5 | 14 |
| 88 | Morphological evidence for secondary formation of the tail gut in the rat embryo. <i>Anatomy and Embryology</i> , 1993, 187, 291-297. | 1.5 | 15 |
| 89 | Origin of the notochord in the rat embryo tail. <i>Anatomy and Embryology</i> , 1989, 179, 305-310. | 1.5 | 32 |